Psychopharmacology

This journal was founded as

Psychopharmacologia in 1959 and was renamed Psychopharmacology beginning with Vol. 46 (1976).

The journal has been edited by the following Managing Editors:

Vol. 1 (1959), E. Rothlin and A. Wikler; Vol. 2 (1961), E. Rothlin and H. Isbell; Vol. 3 (1962), E. Rothlin and A. Wikler: Vol. 4 (1963)-Vol. 7 (1965), J.O. Cole and E. Rothlin: Vol. 8 (1965)-Vol. 16 (1969), J.O. Cole, E. Jacobsen, M.E. Jarvik, M. Shepherd; Vol. 17 (1970), J.O. Cole, E. Jacobsen, C. Kornetzky, M. Shepherd; Vol. 18 (1970)-Vol. 27 (1972), J.O. Cole, M. Hamilton, E. Jacobsen, C. Kornetzky; Vol. 28 (1973)-Vol. 35 (1974), J.O. Cole, M. Hamilton, E. Jacobsen, C. Kornetzky, R.W. Russell; Vol. 36 (1974)-Vol. 69 (1980), H. Barry III, J.O. Cole, M. Hamilton, E. Jacobsen, R.W. Russell; Vol. 70 (1980)-Vol. 77 (1982), H. Barry III, J.O. Cole, M. Hamilton, T.W. Robbins, R.W. Russell.

Starting with Vol. 80 (1983) the Editors have been: H. Barry III, T.W. Robbins (Coordinating Editors), J.O. Cole, J. Gerlach, M. Hamilton, J. Leysen, F. Sulser. As of Vol. 85 (1985): H. Barry III, D.E. Casey, J.O. Cole, J. Gerlach, S.D. Glick, A.R. Green, M. Hamilton, J. Leysen, T.W. Robbins, F. Sulser. As of Vol. 92 (1987): H. Barry III, D.E. Casey, J.Gerlach, S.D. Glick, A.R. Green, J. Leysen, T.W. Robbins, B.J. Spring, F. Sulser, D.M. Warburton, As of Vol. 98 (1989); H. Barry III, D.E. Casey, J. Gerlach, S.D. Glick, A.R. Green, J. Leysen, T.W. Robbins, D.R. Sibley, B.J. Spring, D.M. Warburton. As of Vol. 106 (1992): D.E. Casey, J. Gerlach, M.A. Geyer, A.R. Green, J. Levsen, K.A. Miczek, T.W. Robbins, D.R. Siblev. B.J. Spring, D.M. Warburton. As of Vol. 109 (1992): D.E. Casev, J. Gerlach, M.A. Gever, A.R. Green, J. Leysen, K.A. Miczek, T.W. Robbins, D.R. Sibley, B.J. Spring, D.M. Warburton, H. de

As of Vol. 117 (1995): D.E. Casev. J. Gerlach, M.A. Geyer, A.R. Green, J. Leysen, K.A. Miczek, T.W. Robbins, D.R. Sibley, D.M. Warburton, H. de Wit. As of Vol. 129 (1997): D.E. Casey, P.J. Cowen, J. Gerlach, M.A. Geyer, A.R. Green, J. Levsen, K.A. Miczek, W. Potter, T.W. Robbins, D.R. Sibley, D.M. Warburton, H. de Wit. As of Vol. 142 (1999): P.J. Cowen, J. Gerlach, M.A. Geyer, A.R. Green, J.H. Krystal, J. Leysen, K.A. Miczek, T.W. Robbins, D.R. Sibley, D.M. Warburton, H. de Wit. As of Vol. 151 (2000): P.J. Cowen, J. Gerlach, M.A. Gever, A.R. Green, J.H. Krystal, K.A. Miczek, T.W. Robbins, D.R. Sibley. D.M. Warburton, H. de Wit. As of Vol. 152 (2000): P.J. Cowen, J. Gerlach, M.A. Geyer, A.R. Green, D. Hoyer, J.H. Krystal, K.A. Miczek, T.W. Robbins, D.R. Sibley, D.M. Warburton, H. de Wit.

Contents of Volume 162 · 2002

Abi-Dargham A → Abi-Saab W Abi-Saab W, Seibyl JP, D'Souza DC Karper LP, Gueorgueva R, Abi-Dargham A, Wong M-L, Rajhans S, Erdos JP, Heninger GR, Charney DS, Krystal JH: Ritanserin antagonism of m-chlorophenylpiperazine effects in neuroleptic-free schizophrenics patients: support for serotonin-2 receptor modulation of schizophrenia symptoms

Andersson J, Berggren P, Grönkvist M, Magnusson S, Svensson E: Oxygen saturation and cognitive performance

Armario A → Nadal R Arngrim T → Licht RW Arnsten AFT → Franowicz JS Arranz MJ → Staddon S Asenbaum S → Tauscher J Auclair A → Dekeyne A

Baggott M → Harris DS Baker GB → Fletcher PJ Bardo MT → Green TA Baumann P → Conus P Bechtholt AJ, Mark GP: Enhancement of cocaine-seeking behavior by repeated nicotine exposure in rats 178 Benkert O → Gründer G Berggren P → Andersson J Bilder RM → Weiss EM Bishop C, Parker GC, Coscina DV: Nicotine and its withdrawal alter feeding induced by paraventricular hypothalamic

injections of neuropeptide Y in Sprague-Dawley rats 265 Borsini F → Terry AV Jr Briones-Aranda A, López-Rubalcava C, Picazo O: Influence of forced swimming-induced stress on the anxiolytic-like effect of 5HT_{IA} agents in mice 147 Brown TL → Fitzgerald PB Buccafusco JJ → Terry AV Jr

Burns T → Fleischhacker WW Butelman ER → Mathieu-Kia AM Butterweck V, Nahrstedt A, Evans J, Hufeisen S, Rauser L, Savage J, Popadak B, Ernsberger P, Roth BL: In vitro receptor screening of pure constituents of St. John's wort reveals novel interactions with a number of GPCRs 193

Cauli O. Morelli M: Subchronic caffeine administration sensitizes rats to the motor-activating effects of dopamine D and D2 receptor agonists 246 Cella SG → Pitsikas N Charney DS → Abi-Saab W Christensen H → Licht RW Cole JC, Sumnall HR, Wagstaff GF: Methodological problems with ecstasy and the SCL-90 215

is more efficacious for tongue dystonia than olanzapine 89 Cook MR, Graham C, Sastre A, Gerkovich

MM: Physiological and performance

Conus P, Zullino D, Baumann P: Clozapine

effects of pyridostigmine bromide in healthy volunteers: a dose-response study 186

Coscina DV → Bishop C Crabbe JC → Palmer AA Cussac D, Duqueyroix D, Newman-Tancredi A, Millan MJ: Stimulation by antipsychotic agents of mitogen-activated protein kinase (MAPK) coupled to cloned, human (h)serotonin (5-HT)_{1A} receptors 168

Dahl M-L → Jaanson P Daskalakis ZJ → Fitzgerald PB Dekeyne A, Gobert A, Auclair A, Girardon S, Millan MJ: Differential modulation of efficiency in a foodrewarded "differential reinforcement of low-rate" 72-s schedule in rats by norepinephrine and serotonin reuptake inhibitors 156 Dingemans PMAJ → Haan L de

Dorow R → Horowski R D'Souza DC → Abi-Saab W Duqueyroix D → Cussac D

Erdos JP → Abi-Saab W Ernsberger P → Butterweck V European Group for Research in Schizophrenia → Fleischhacker WW Evans J → Butterweck V

Farde L → Nyberg S Feifel D, Priebe K, Johnstone-Miller E, Morgan CJ: Sensorimotor gating effects produced by repeated dopamine agonists in a paradigm favoring environmental conditioning 138

Finn DA → Sinnott RS

Fitzgerald PB, Brown TL, Daskalakis ZJ, Kulkarni J: A transcranial magnetic stimulation study of the effects of olanzapine and risperidone on motor cortical excitability in patients with schizophrenia 74
Fleischhacker WW: Second generation

antipsychotics 90

Fleischhacker WW, Burns T, European Group for Research in Schizophrenia: Feasibility of placebo-controlled clinical trials of antipsychotic compounds in Europe 82

Fleischhacker WW → Weiss EM Fletcher PJ, Korth KM, Robinson SR, Baker GB: Multiple 5-HT receptors are involved in the effects of acute MDMA treatment: studies on locomotor activity and responding for conditioned reinforcement 282

Fog R, Randrup A: Commentary on: Stereotyped activities produced by amphetamine in several animal species and man." Psychopharmacologia (1967) 11:300–310. A landmark publication

from the early days of the dopamine hypothesis 349

Fox HC, McLean A, Turner JJD, Parrott AC, Rogers R, Sahakian BJ: Neuropsychological evidence of a relatively selective profile of temporal dysfunction in drug-free MDMA

("ecstasy") polydrug users 203 Franowicz JS, Arnsten AFT: Actions of α -2 noradrenergic agonists on spatial working memory and blood pressure in rhesus monkeys appear to be mediated by the same receptor subtype 304

French AM \rightarrow Smith MA Friedman E \rightarrow Zhen X Fujimaki K → Tanaka K Fukunishi I → Nakamura K Furukori H → Ono S

Gasior M, Jaszyna M, Munzar P, Witkin JM, Goldberg SR: Caffeine potentiates the discriminative-stimulus effects of

nicotine in rats 385 Gehrke BJ → Green TA Gerkovich MM → Cook MR Gerlach J: Life is not so easy Individualization in clinical psychopharmacology 1 Girardon S → Dekeyne A

Gobert A → Dekeyne A Goldberg SR → Gasior M Graham C → Cook MR

Grant KA → Vivian JA Green AR, McGregor IS: On the anxiogenic and anxiolytic nature of long-term cerebral 5-HT depletion following MDMA 448

Green TA, Gehrke BJ, Bardo MT: Environmental enrichment decreases intravenous amphetamine self-administration in rats: dose-response functions for fixed- and progressive-ratio schedules 373

Grönkvist M → Andersson J

Groote L de, Olivier B, Westenberg HGM: Extracellular serotonin in the prefrontal cortex is limited through terminal 5-HT_{IB} autoreceptors: a microdialysis study in knockout mice 419 Gründer G, Benkert O: Prolactin secretion is

not a core dimension of "atypicality" 93 Gueorgueva R → Abi-Saab W Güzelcan Y, Haan L de, Scholte WF: Risperidone may induce mania 85

Haan L de, Weisfelt M, Dingemans PMAJ, Linszen DH, Wouters L: Psychometric properties of the Subjective Well-Being Under Neuroleptics scale and the Subjective Deficit Syndrome Scale 24

Haan L de → Güzelcan Y Haan L de → Jonkers F

Hahn B, Shoaib M, Stolerman IP: Nicotine-induced enhancement of attention in the five-choice serial reaction time task: the influence of task demands 129

Halldin C → Nyberg S
Harris DS, Baggott M, Mendelson JH,
Mendelson JE, Jones RT: Subjective and hormonal effects of 3,4methylenedioxymethamphetamine (MDMA) in humans 396 Hashimoto S → Mochizuki D

Hattori T → Mochizuki D Heninger GR → Abi-Saab W Holzbach R → Pajonk F-G

Horntrich M → Kiefer F Horowski R, Dorow R: Anxiogenic, not psychotogenic, properties of the partial inverse benzodiazepine receptor agonist FG 7142 in man 223

Hufeisen S → Butterweck V

Iwahashi K → Nakamura K

Jaanson P, Marandi T, Kiivet R-A, Vasar V, Vään S, Svensson J-O, Dahl M-L: Maintenance therapy with zuclopenthixol decanoate: associations between plasma concentrations neurological side effects and CYP2D6

genotype 67 Jahn H → Kiefer F Janak PH → Nadal R Jaszyna M → Gasior M Johnstone-Miller E → Feifel D Jones RT → Harris DS Jonkers F, Haan L de: Olanzapine-induced obsessive-compulsive symptoms in a patient with bipolar II disorder 87 Jordan K → Vivian JA

Kahn RS: New study designs for new antipsychotics 92 Kaneko S → Ono S Kaneko S → Yasui-Furukori N Karow A, Naber D: Subjective well-being and quality of life under atypical antipsychotic treatment 3 Karper LP → Abi-Saab W Kasper S → Tauscher J Kato K → Tanaka K Kato N → Tanaka K Kawasaki K → Mochizuki D Kellogg SH → Mathieu-Kia AM Kenemans JL → Laar MW van

Kerwin RW → Staddon S Kiefer F. Horntrich M. Jahn H. Wiedemann K: Is withdrawal-induced anxiety in alcoholism based on B-endorphin deficiency? 433 Kiivet R-A → Jaanson P

Kirby LG → Price ML Kitamura Y → Mochizuki D Kondo T → Ono S Kondo T → Yasui-Furukori N Korth KM → Fletcher PJ

Kreek MJ → Mathieu-Kia AM Krystal JH → Abi-Saab W Küfferle B → Tauscher J Kulkarni J → Fitzgerald PB

Kumari V, Sharma T: Effects of typical and atypical antipsychotics on prepulse inhibition in schizophrenia: a critical evaluation of current evidence and directions for future research 97

Laar MW van, Volkerts ER, Verbaten MN, Trooster S, Megen HJ van, Kenemans JL: Differential effects of amitriptyline, nefazodone and paroxetine on performance and brain indices of visual selective attention and working memory

Leusch A → Terry AVJr Licht RW, Arngrim T, Christensen H: Olanzapine-induced galactorrhea 94 Linszen DH → Haan L de López-Rubalcava C → Briones-Aranda A Lucki I → Price ML

Maehlum E → Nyberg S Magnusson S → Andersson J Mancama D → Staddon S Marandi T → Jaanson P Mareş P → Mikulecká A Mark GP → Bechtholt AJ Mata I → Staddon S

Mathieu-Kia AM, Kellogg SH, Butelman ER, Kreek MJ: Nicotine addiction: insights from recent animal studies 102 McGregor IS → Green AR

McLean A → Fox HC Megen HJ van → Laar MW van Mendelson JE → Harris DS Mendelson JH → Harris DS Mihara K → Ono S Mihara K → Yasui-Furukori N

Miki N → Mochizuki D

Mikulecká A, Mares P: NMDA receptor antagonists impair motor performance in immature rats 364

Milani RM → Parrott AC Millan MJ → Cussac D Millan MJ → Dekeyne A

Mochizuki D, Tsujita R, Yamada S, Kawasaki K, Otsuka Y, Hashimoto S, Hattori T, Kitamura Y, Miki N Neurochemical and behavioural characterization of milnacipran, a serotonin and noradrenaline reuptake

inhibitor in rats 323 Moran PM → O'Tuathaigh CMP

Morelli M → Cauli O Morgan CJ → Feifel D Morinobu S → Tanaka K Moyer MR → Palmer AA Muller EE → Pitsikas N Munzar P → Gasior M

Naber D → Karow A Naber D → Paionk F-G

Nadal R, Armario A, Janak PH: Positive relationship between activity in a novel environment and operant ethanol self-administration in rats 333

Nahrstedt A → Butterweck V Nakamoto Y → Nakamura K

Nakamura K, Fukunishi I, Nakamoto Y, Iwahashi K, Yoshii M: Peripheral-type benzodiazepine receptors on platelets are correlated with the degrees of anxiety in normal human subjects 301

Newman-Tancredi A → Cussac D Nilsson U → Nyberg S

Nilsson U → Nyberg S Nyberg S, Olsson H, Nilsson U, Maehlum E, Halldin C, Farde L: Low striatal and extra-striatal D₂ receptor occupancy during treatment with the atypical antipsychotic sertindole 37

Oehler J → Reuster T Ohkawa M → Tanaka K Olivier B → Groote L de Olsson H → Nyberg S Ono S, Mihara K, Suzuki A, Kondo T, Yasui-Furukori N, Furukori H, Vries R de, Kaneko S: Significant pharmacokinetic interaction between risperidone and carbamazepine: its

relationship with CYP2D6 genotypes 50 O'Tuathaigh CMP, Moran PM: Evidence for dopamine D₁ receptor involvement in the stimulus selection task: overshadowing in the rat 225

Otsuka Y → Mochizuki D

Pajonk F-G, Holzbach R, Naber D: Comparing the efficacy of atypical antipsychotics in open uncontrolled versus double-blind controlled trials in schizophrenia 29

Palmer AA, Moyer MR, Crabbe JC, Phillips TJ: Initial sensitivity, tolerance and cross-tolerance to allopregnanolone- and ethanol-induced hypothermia in selected mouse lines 313

Parker GC → Bishop C
Parrott AC, Milani RM, Turner JJD:
Ecstasy and the SCL-90 findings: a reply to Cole et al. 218

Parrott AC → Fox HC
Petry NM: Discounting of delayed rewards

Petry NM: Discounting of delayed rewards in substance abusers: relationship to antisocial personality disorder 425 Phillips TJ → Palmer AA Phillips TJ → Sinnott RS

Picazo O → Briones-Aranda A
Pitsikas N, Rigamonti AE, Cella SG,
Muller EE: Effects of the nitric oxide
donor molsidomine on different
memory components as assessed in the

object-recognition task in the rat 239 Popadak B → Butterweck V

Price ML, Kirby LG, Valentino RJ, Lucki I: Evidence for corticotropin-releasing factor regulation of serotonin in the lateral septum during acute swim stress: adaptation produced by repeated swimming 406 Priebe $K \rightarrow Feifel\ D$

Rajhans S → Abi-Saab W
Randrup A → Fog R
Rauser L → Butterweck V
Reuster T, Rilke O, Oehler J: High
correlation between salivary MHPG
and CSF MHPG 415
Rigamonti AE → Pitsikas N
Rilke O → Reuster T
Robinson SR → Fletcher PJ
Rogers R → Fox HC
Roth BL → Butterweck V

Sahakian BJ → Fox HC

Sastre A → Cook MR Savage J → Butterweck V Scholte WF → Güzelcan Y Seibyl JP → Abi-Saab W Sharma T → Kumari V Shoaib M → Hahn B Sinnott RS, Phillips TJ, Finn DA: Alteration of voluntary ethanol and saccharin consumption by the neurosteroid allopregnanolone in mice 438 Smith MA, French AM: Age-related differences in sensitivity to the antinociceptive effects of kappa opioids in adult male rats 255 Spruijt BM → Von Frijtag JC Staddon S, Arranz MJ, Mancama D, Mata I, Kerwin RW: Clinical

applications of pharmacogenetics in psychiatry 18
Stolerman IP → Hahn B
Sumnall HR → Cole JC
Suzuki A → Ono S
Suzuki A → Yasui-Furukori N
Svensson E → Andersson J
Svensson J-O → Jaanson P
Szeliga KT → Vivian JA

Takahashi J → Tanaka K
Tanaka K, Takahashi J, Morinobu S,
Fujimaki K, Tsuji S, Kato K, Ohkawa
M, Yamawaki S, Kato N: Imipramine,
but not lithium, induces the
serine/threonine phosphatase activity of
calcineurin without affecting its mRNA
expression in the rat brain 339

Tauscher J, Küfferle B, Asenbaum S,
Tauscher-Wisniewski S, Kasper S:
Striatal dopamine-2 receptor occupancy
as measured with [123] Jiodobenzamide
and SPECT predicted the occurrence of
EPS in patients treated with atypical
antipsychotics and haloperidol 42
Tauscher-Wisniewski S → Tauscher J

Terry AV Jr, Buccafusco JJ, Borsini F, Leusch A: Memory-related task performance by aged rhesus monkeys administered the muscarinic M₁-preferring agonist, talsaclidine 292 Torres $C \rightarrow Zhen \ X$ Trooster $S \rightarrow Laar \ MW$ van Tsuji $S \rightarrow Tanaka \ K$ Tsujita $R \rightarrow Mochizuki \ D$ Turner JJD \rightarrow Fox HC Turner JJD \rightarrow Parrott AC

Vään S → Jaanson P
Valentino RJ → Price ML
Van den Bos R → Von Frijtag JC
Vasar V → Jaanson P
Verbaten MN → Laar MW van
Vivian JA, Waters CA, Szeliga KT,
Jordan K, Grant KA: Characterization of
the discriminative stimulus effects of
N-methyl-D-aspartate ligands under
different ethanol training conditions in
the cynomolgus monkey (Macaca
fascicularis) 273

fascicularis) 273

Volkerts ER → Laar MW van

Von Frijtag JC, Van den Bos R, Spruijt

BM: Imipramine restores the long-term
impairment of appetitive behavior in
socially stressed rats 232

Vries R de → Ono S

Wagstaff GF → Cole JC
Warburton DM: Commentary on: "Effects of scopolamine and nicotine on human rapid information processing performance." Psychopharmacology (1984) 82:147–150. Nicotine improves information processing: saying the unthinkable 345

Waters CA → Vivian JA
Weisfelt M → Haan L de
Weiss EM, Bilder RM, Fleischhacker WW:
The effects of second-generation
antipsychotics on cognitive functioning
and psychosocial outcome in
schizophrenia 11
Westenberg HGM → Groote L de

Wiedemann $K \to Kiefer F$ Witkin JM $\to Gasior M$ Wong M-L $\to Abi\text{-}Saab W$ Wouters L $\to Haan L de$

Yamada S → Mochizuki D Yamawaki S → Tanaka K Yasui-Furukori N, Kondo T, Suzuki A, Mihara K, Kaneko S: Comparison of prolactin concentrations between haloperidol and risperidone treatments in the same female patients with schizophrenia 63 Yasui-Furukori N → Ono S Yoshii M → Nakamura K

Zhen X, Torres C, Friedman E: Lithium regulates protein tyrosine phosphatase activity in vitro and in vivo 379
Zullino D → Conus P

Indexed in/abstracted by Current Contents, Psychological Abstracts, Psyc INFO, Index Medicus and in EMBASE



